

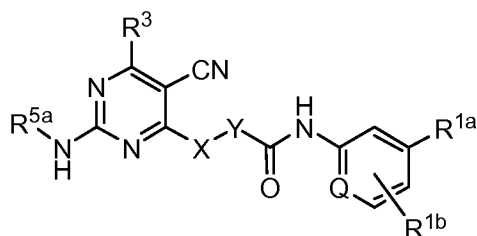
## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the Application.

### Listing of Claims:

1-12. (cancelled).

13. (previously presented) A compound according to Formula **III**,



**III**

or a pharmaceutically acceptable salt thereof, wherein:

$R^{1a}$  is selected from halogen, lower perfluoroalkyl,  $-NO_2$ , and optionally substituted  $C_{1-4}$ alkyl;  
and  $R^{1b}$  is selected from halogen,  $-N(R^5)R^5$ ,  $-SR^5$ , perfluoroalkyl, and optionally substituted lower alkyl;

$R^3$  is independently selected from  $-H$ , halogen, trihalomethyl,  $-CN$ ,  $-NO_2$ ,  $-OR^5$ ,  $-N(R^5)OR^5$ ,  $-ON(R^5)R^5$ ,  $-N(R^5)N(R^5)R^5$ ,  $-N(R^5)R^5$ ,  $-S(O)_{0-2}R^5$ ,  $-SO_2N(R^5)R^5$ ,  $-CO_2R^5$ ,  $-C(O)N(R^5)R^5$ ,  $-N(R^5)SO_2R^5$ ,  $-N(R^5)C(O)R^5$ ,  $-N(R^5)CO_2R^5$ ,  $-C(O)R^5$ ,  $-C(=NR^7)N(R^5)R^5$ ,  $-C(=NR^7)R^5$ ,  $-C(=NR^7)OR^5$ ,  $-N(R^5)C(=NR^7)N(R^5)R^5$ , optionally substituted lower alkyl, optionally substituted lower alkenyl, optionally substituted lower alkynyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclylalkyl, and optionally substituted arylalkyl;

$R^{5a}$  is  $H$ ;

each  $R^5$  is independently selected from  $-H$ , optionally substituted lower alkyl, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heterocyclyl, and optionally substituted lower heterocyclylalkyl; or

two of  $R^5$ , together with the atom or respective atoms to which they are attached, can combine to form an optionally substituted three- to seven-membered heterocyclic;

each  $R^6$  is independently selected from -H, halogen, trihalomethyl, -CN, -NO<sub>2</sub>, -NH<sub>2</sub>, -OR<sup>5</sup>, -N(R<sup>5</sup>)R<sup>5</sup>, -S(O)<sub>0-2</sub>R<sup>5</sup>, -SO<sub>2</sub>N(R<sup>5</sup>)R<sup>5</sup>, -CO<sub>2</sub>R<sup>5</sup>, -C(O)N(R<sup>5</sup>)R<sup>5</sup>, -N(R<sup>5</sup>)SO<sub>2</sub>R<sup>5</sup>, -N(R<sup>5</sup>)C(O)R<sup>5</sup>, -N(R<sup>5</sup>)CO<sub>2</sub>R<sup>5</sup>, -C(O)R<sup>5</sup>, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclalkyl, and optionally substituted arylalkyl; or

two of  $R^6$ , together with the atom or atoms to which they are attached, can combine to form one of an optionally substituted three to seven-membered alicyclic, and an optionally substituted three to seven-membered heteroalicylic;

each  $R^7$  is independently selected from -H, -CN, -NO<sub>2</sub>, -N(R<sup>5</sup>)R<sup>5</sup>, -OR<sup>5</sup>, -S(O)<sub>0-2</sub>R<sup>5</sup>, -SO<sub>2</sub>N(R<sup>5</sup>)R<sup>5</sup>, -CO<sub>2</sub>R<sup>5</sup>, optionally substituted lower alkyl, optionally substituted lower alkenyl, and optionally substituted lower alkynyl; or

$R^5$  and  $R^7$ , together with the atom or atoms to which they are attached, can combine to form a five- to seven-membered optionally substituted heterocyclyl;

each of X and Y is independently selected from -C(=O)-, -C(R<sup>6</sup>)R<sup>6</sup>-, -O-, -N(R<sup>5</sup>)-, -C(=NR<sup>7</sup>)-, and -S(O)<sub>0-2</sub>-; provided when X is -O- or -N(R<sup>5</sup>)-, then Y cannot contain phenyl, naphthyl, cyclohexyl, dihydronaphthyl tetrahydronaphthyl, or a five- to six-membered heteroaryl, each optionally substituted; and

Q is either =N- or =C(H)-.

14. (previously presented) The compound according to claim 13, wherein  $R^{1a}$  is selected from -NO<sub>2</sub>, halogen, perfluoroalkyl, haloalkyl, and optionally substituted C<sub>1-2</sub>alkyl.

15. (original) The compound according to claim 14, wherein  $R^3$  is selected from optionally substituted -O-C<sub>1-4</sub>alkyl, -O-C<sub>1-4</sub>perfluoroalkyl, optionally substituted -N(H)C<sub>1-4</sub>alkyl, optionally substituted -N(C<sub>1-4</sub>alkyl)C<sub>1-4</sub>alkyl, optionally substituted -S(O)<sub>0-2</sub>-C<sub>1-4</sub>alkyl, and optionally substituted -S(O)<sub>0-2</sub>-C<sub>1-4</sub>perfluoroalkyl.

16. (original) The compound according to claim 15, wherein Y is either -N(H)- or -C(R<sup>6</sup>)R<sup>6</sup>-.

17. (original) The compound according to claim 16, wherein X is selected from -O-, -N(R<sup>5</sup>)- and -S-.

18. (original) The compound according to claim 17, wherein Y is -C(R<sup>6</sup>)R<sup>6</sup>-; wherein each R<sup>6</sup> is independently selected from -H, halogen, trihalomethyl, -NH<sub>2</sub>, optionally substituted -O-C<sub>1-4</sub>alkyl, optionally substituted -N(H)C<sub>1-4</sub>alkyl, optionally substituted -S-C<sub>1-4</sub>alkyl, optionally substituted lower alkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclylalkyl.

19. (original) The compound according to claim 18, wherein Y is -C(H)R<sup>6</sup>-; wherein R<sup>6</sup> is independently selected from -H, halogen, trihalomethyl, -NH<sub>2</sub>, optionally substituted -O-C<sub>1-4</sub>alkyl, optionally substituted -N(H)C<sub>1-4</sub>alkyl, optionally substituted -S-C<sub>1-4</sub>alkyl, optionally substituted lower alkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclylalkyl.

20. (original) The compound according to claim 19, wherein Q is =C(H)-.

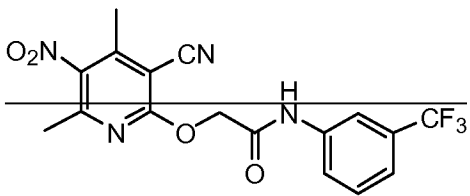
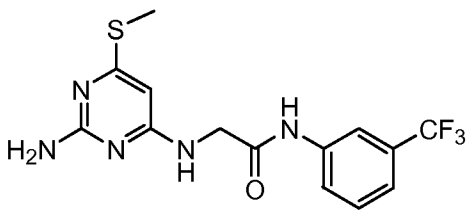
21-28. (cancelled)

29. (previously presented) The compound according to claim 13, wherein R<sup>1a</sup> is selected from halo, lower perfluoroalkyl, -NO<sub>2</sub>, and optionally substituted C<sub>1-4</sub>alkyl.

30-33. (cancelled)

34. (currently amended) A compound selected from Table 3.

**Table 3**

Entry	Name	Structure
4	<del>2-[(3-cyano-4,6-dimethyl-5-nitropyridin-2-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide</del>	
5	N <sup>2</sup> -[2-amino-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	

**Table 3**

Entry	Name	Structure
7	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[3-(methoxy)phenyl]acetamide	
9	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-(4-chlorophenyl)acetamide	
11	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-(3-chlorophenyl)acetamide	
14	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	
16	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-methyl-N-[3-(trifluoromethyl)phenyl]acetamide	
17	<del>N<sup>2</sup>-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</del>	

**Table 3**

Entry	Name	Structure
20	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
30	2-amino-4-( {2-[2,5-bis(methoxy)phenyl]-2-oxoethyl} thio)-6-(methylthio)pyrimidine-5-carbonitrile	
31	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	
34	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-chloro-3-(trifluoromethyl)phenyl]acetamide	
35	2-amino-4-(methylthio)-6-( {2-oxo-1-[3-(trifluoromethyl)phenyl]pyrrolidin-3-yl} thio)pyrimidine-5-carbonitrile	
36	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[6-(trifluoromethyl)pyridin-2-yl]acetamide	

**Table 3**

Entry	Name	Structure
37	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[4-(trifluoromethyl)pyridin-2-yl]acetamide	
41	2-{{2-(acetylthio)-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
42	(2S)-2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	
45	2-{{2-amino-5-formyl-6-(methylamino)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
46	2-{{2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	
47	<del>2-{{4-amino-6-(methylthio)-1,3,5-triazin-2-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide</del>	

**Table 3**

Entry	Name	Structure
54	2- {[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio} -N-[2-(methoxy)-5-(trifluoromethyl)phenyl]acetamide	
55	2- {[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio} -N-[2-chloro-5-(trifluoromethyl)phenyl]acetamide	
58	N <sup>2</sup> -[2-amino-5-[(E)-hydrazonomethyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
59	N <sup>2</sup> -[2-amino-5-[(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
60	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

**Table 3**

Entry	Name	Structure
61	2-{{2-amino-5-cyano-6-(methylamino)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
62	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[2-amino-5-(trifluoromethyl)phenyl]acetamide	
63	2-amino-4-(methylthio)-6-({[6-(trifluoromethyl)-1H-benzimidazol-2-yl]methyl}thio)pyrimidine-5-carbonitrile	
64	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
65	N <sup>2</sup> -[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
66	2-{{2-amino-5-cyano-6-(dimethylamino)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	



**Table 3**

Entry	Name	Structure
67	(S)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	
68	(2R)-2- {[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy} -N-[3-(trifluoromethyl)phenyl]propanamide	
69	1- {[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy} -N-[3-(trifluoromethyl)phenyl]cyclopropane carboxamide	
70	(2S)-2- {[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy} -3-methyl-N-[3-(trifluoromethyl)phenyl]butanamide	
72	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]glycinamide	
73	1- {[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino} -N-[3-(trifluoromethyl)phenyl]cyclopropane carboxamide	

**Table 3**

Entry	Name	Structure
74	N <sup>2</sup> -[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
75	N <sup>2</sup> -[2-amino-5-cyano-6-(methylsulfonyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
76	N <sup>2</sup> -(5-cyano-2-morpholin-4-ylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	
78	N <sup>2</sup> -[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
79	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]-L-alaninamide	
80	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-chloro-5-(trifluoromethyl)phenyl]-L-alaninamide	

**Table 3**

Entry	Name	Structure
83	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide	
84	2-[(2-amino-5-cyano-6-morpholin-4-yl)pyrimidin-4-ylthio]-N-[3-(trifluoromethyl)phenyl]acetamide	
85	(R)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	
86	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
87	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-[2-(dimethylamino)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
88	N <sup>2</sup> -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

**Table 3**

Entry	Name	Structure
89	N <sup>2</sup> -(2,6-diamino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
90	N <sup>2</sup> -(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
91	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
93	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-1,2-dimethyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
94	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide	
95	ethyl [1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-({[3-(trifluoromethyl)phenyl]amino}carbonyl)hydrazino]acetate	

**Table 3**

Entry	Name	Structure
96	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
100	N <sup>2</sup> -[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
101	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-(tetrahydro-2H-pyran-4-ylmethyl)-N-[3-(trifluoromethyl)phenyl]glycinamide	
102	N <sup>2</sup> -(2-amino-5-cyano-6-{[2-(dimethylamino)ethyl]oxy}pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
103	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-6-{[(1,1-dimethylethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysineamide	

**Table 3**

Entry	Name	Structure
104	2-amino-4-(methylthio)-6-(methyl{(1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl}amino)pyrimidine-5-carbonitrile	
105	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-[2-(tetrahydro-2H-pyran-4-yl)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
106	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(diethylamino)ethyl]amino}-5-(trifluoromethyl)phenyl]-L-alaninamide	
107	2-amino-4-(methylthio)-6-({(1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl}amino)pyrimidine-5-carbonitrile	
108	2-{2-amino-5-cyano-6-[1-(3-trifluoromethyl-phenyl)carbamoyl]-1S-ethylamino]-pyrimidin-4-ylamino}-N-(3-trifluoromethyl-phenyl)-2S-propionamide	

**Table 3**

Entry	Name	Structure
109	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-(3-methylphenyl)glycinamide	
110	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(1-methylethyl)phenyl]glycinamide	
111	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-5-[imino(nitroamino)methyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
112	methyl 3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoate	
113	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-nitrophenyl)-L-alaninamide	
114	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysινamide	

**Table 3**

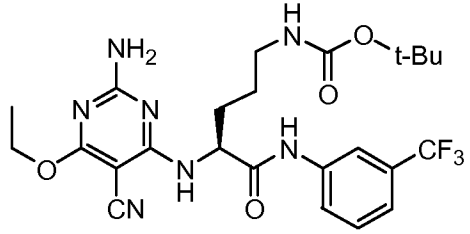
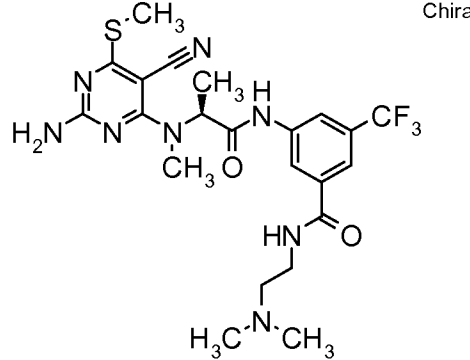
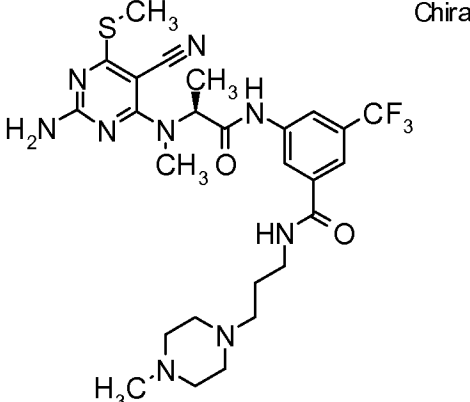
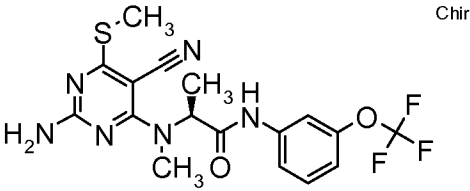
Entry	Name	Structure
115	N <sup>2</sup> -[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
117	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide	
118	N <sup>2</sup> -[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
119	N <sup>2</sup> -[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
120	N <sup>2</sup> -[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
121	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	



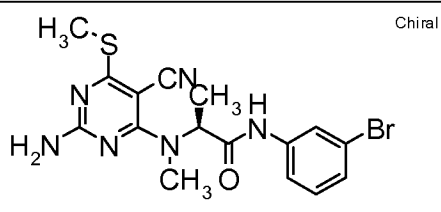
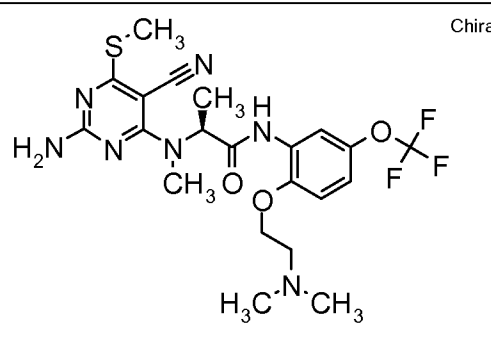
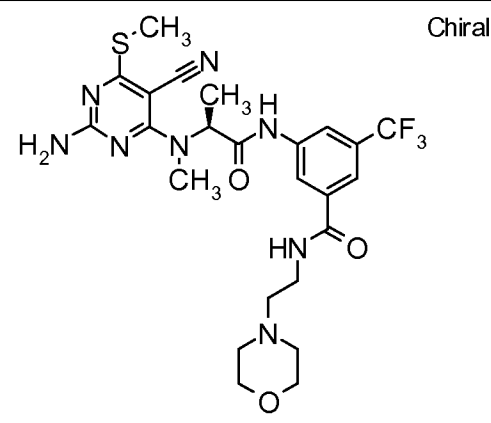
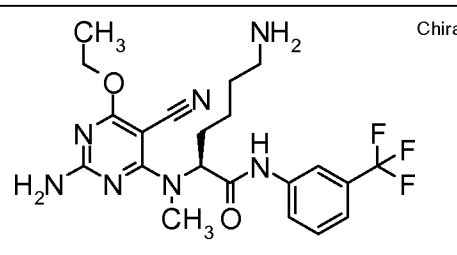
**Table 3**

Entry	Name	Structure
122	N <sup>2</sup> -{2-amino-5-cyano-6-[(1-methylethyl)oxy]pyrimidin-4-yl}-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
123	N-5-acetyl-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
124	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-aminophenyl)-L-alaninamide	
125	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	
126	2-(methyloxy)ethyl ((4S)-4-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	
127	2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	

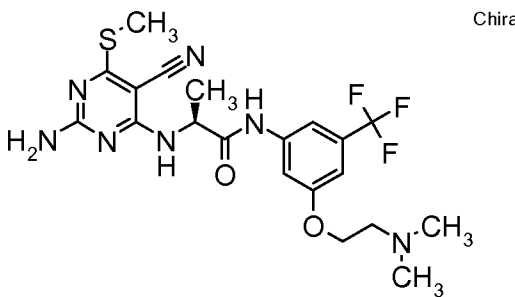
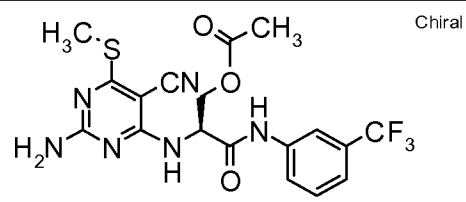
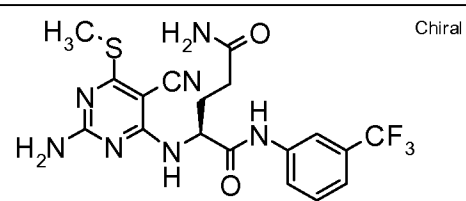
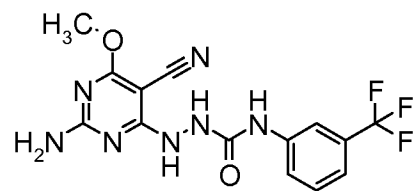
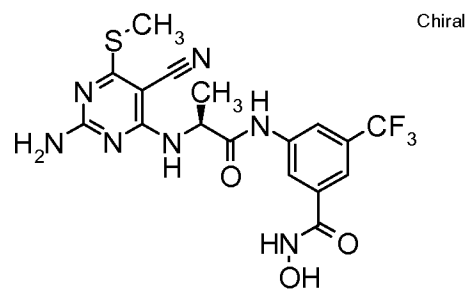
**Table 3**

Entry	Name	Structure
128	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	
130	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	 Chiral
131	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	 Chiral
132	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~2~-methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alaninamide	 Chiral

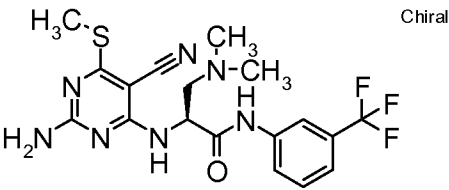
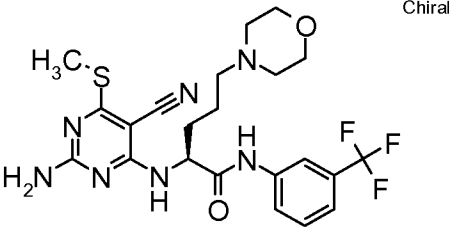
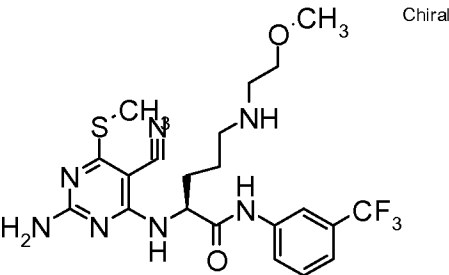
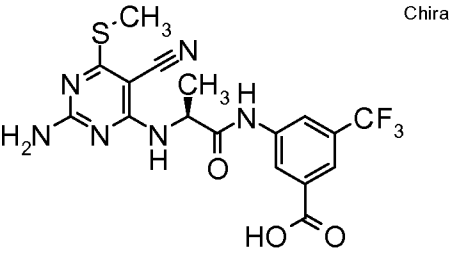
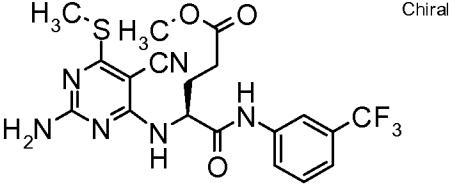
**Table 3**

Entry	Name	Structure
133	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-bromophenyl)-N~2~-methyl-L-alaninamide	 Chiral
134	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-{[2-(dimethylamino)ethyl]oxy}-5-[(trifluoromethyl)oxy]phenyl}-N~2~-methyl-L-alaninamide	 Chiral
135	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	 Chiral
136	N <sup>2</sup> -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N~2~-methyl-N-[3-(trifluoromethyl)phenyl]-L-lysynamide	 Chiral

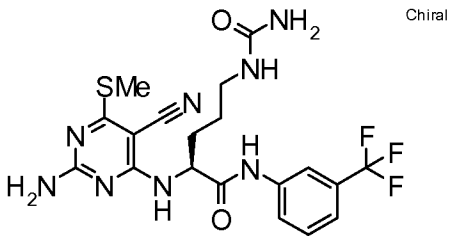
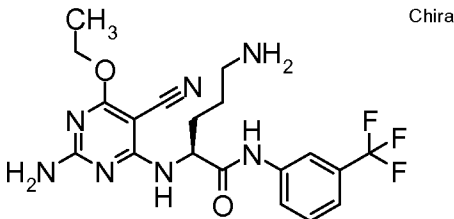
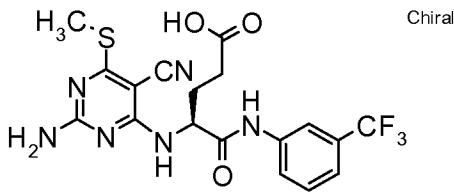
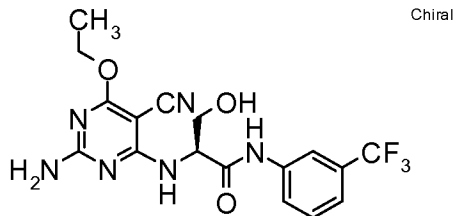
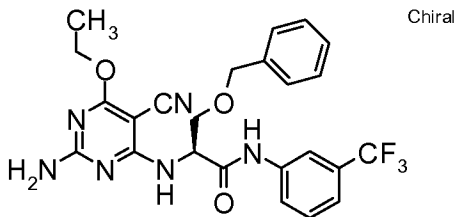
**Table 3**

Entry	Name	Structure
137	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	
138	(2S)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-3-oxo-3-{[3-(trifluoromethyl)phenyl]amino}propyl acetate	
139	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-glutamamide	
140	2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
141	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-hydroxy-5-(trifluoromethyl)benzamide	

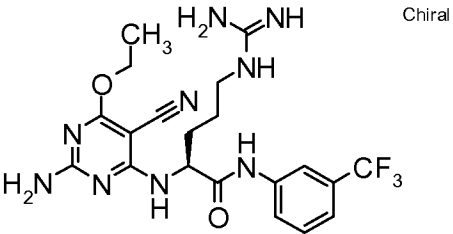
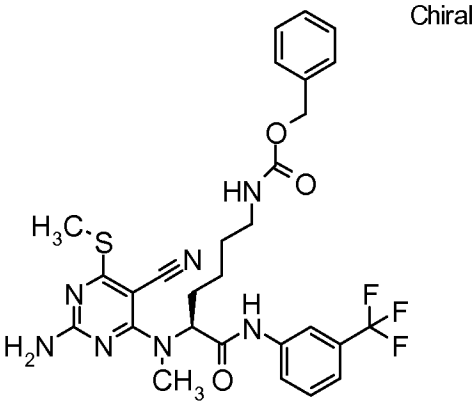
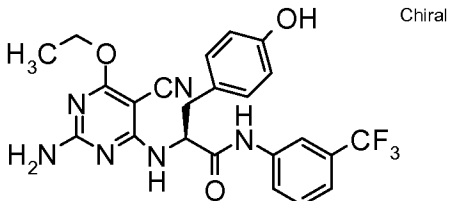
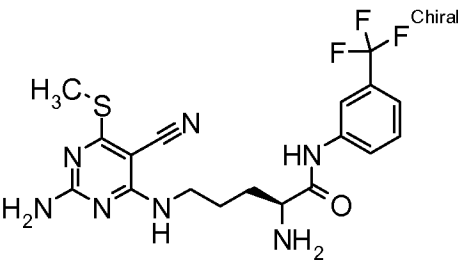
**Table 3**

Entry	Name	Structure
142	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
143	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide	
144	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~5~-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
145	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoic acid	
146	methyl N~2~-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate	

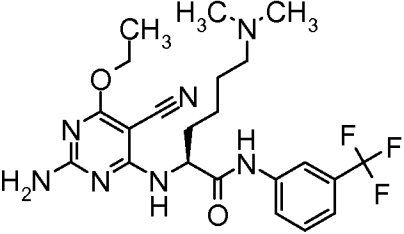
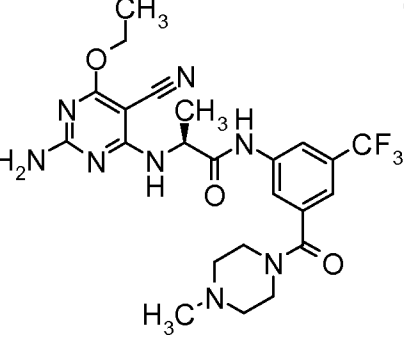
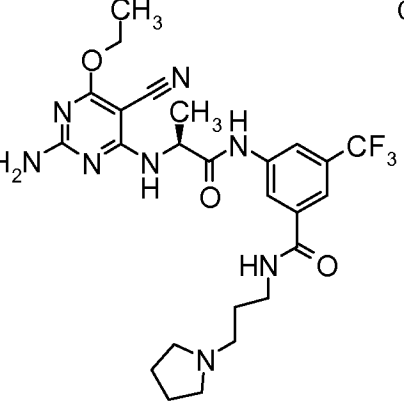
**Table 3**

Entry	Name	Structure
147	N <sup>5</sup> -(aminocarbonyl)-N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
148	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
149	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamine	
150	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide	
151	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide	

**Table 3**

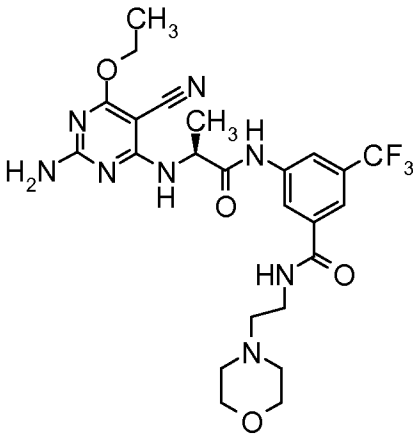
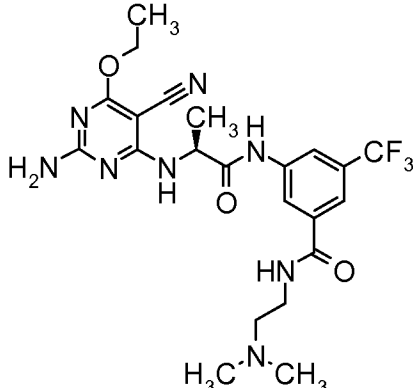
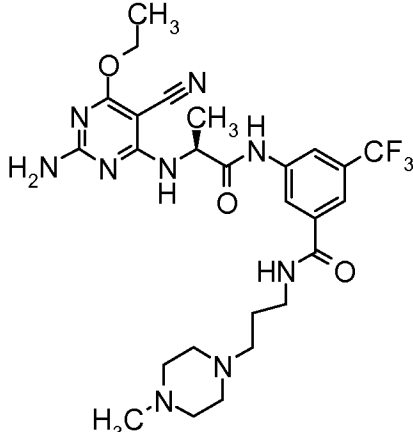
Entry	Name	Structure
152	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide	
153	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N <sup>2</sup> -(methyl- N <sup>6</sup> -{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysineamide	
154	N-α-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-tyrosinamide	
155	N <sup>5</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	

**Table 3**

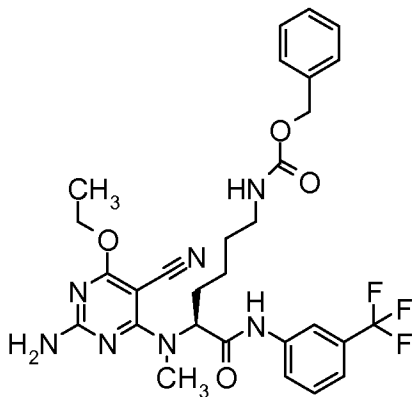
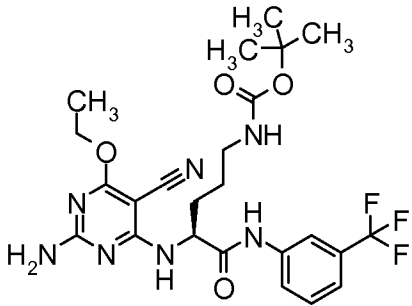
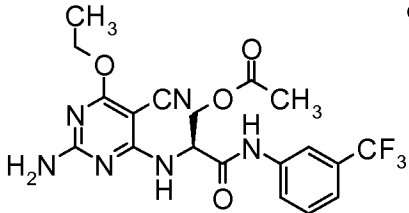
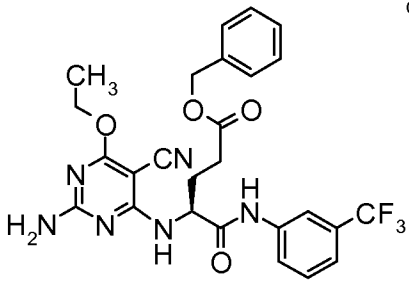
Entry	Name	Structure
156	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N~6~,N~6~-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysineamide	
157	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]-5-(trifluoromethyl)phenyl]-L-alanineamide	
158	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-(3-pyrrolidin-1-ylpropyl)-5-(trifluoromethyl)benzamide	



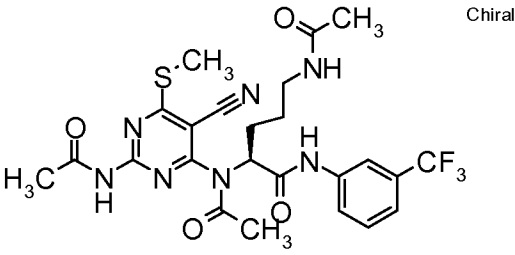
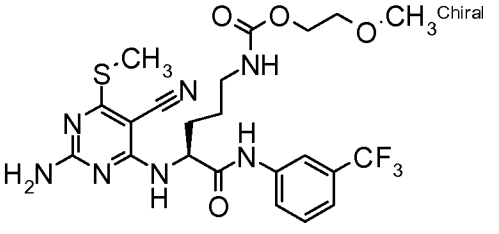
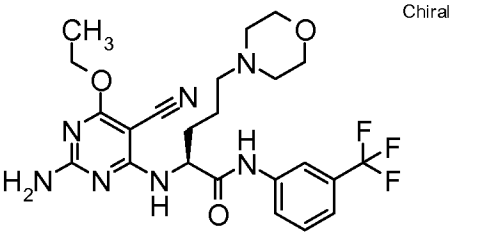
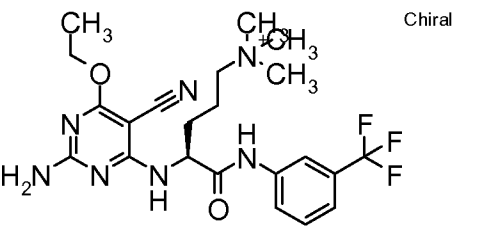
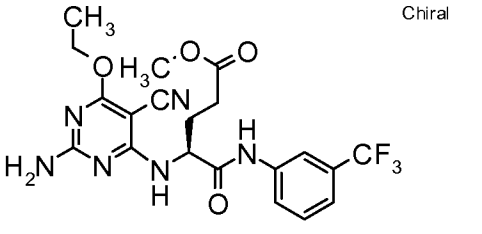
**Table 3**

Entry	Name	Structure
159	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl} amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	<div style="text-align: right;">Chiral</div> 
160	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl} amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	<div style="text-align: right;">Chiral</div> 
161	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl} amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	<div style="text-align: right;">Chiral</div> 

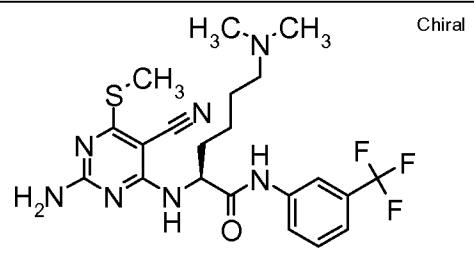
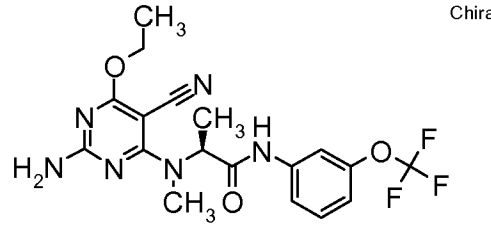
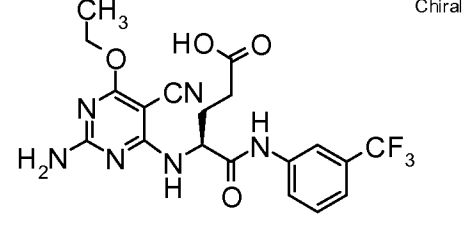
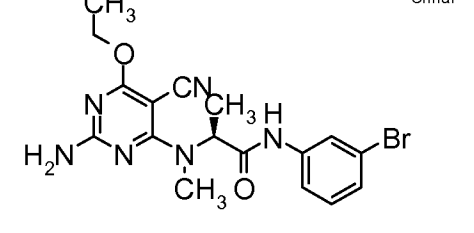
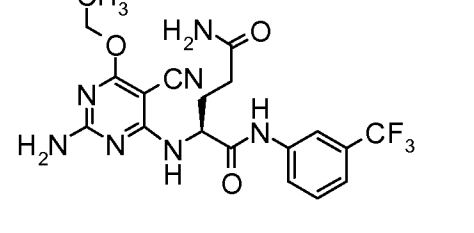
**Table 3**

Entry	Name	Structure
162	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N~2~-methyl- N <sup>6</sup> -{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysineamide	
163	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	
164	(2S)-2-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-3-oxo-3-{[3-(trifluoromethyl)phenyl]amino}propyl acetate	
165	phenylmethyl N~2~-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate	

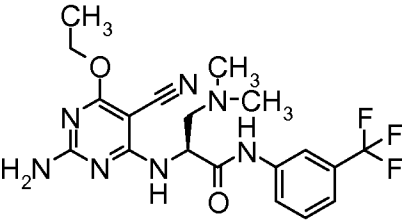
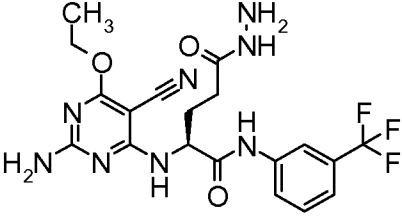
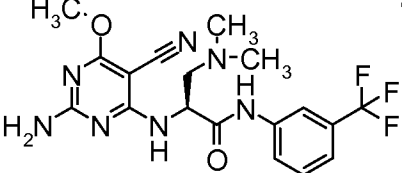
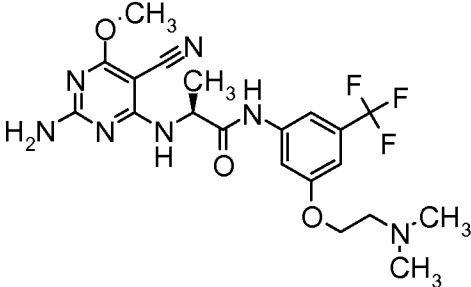
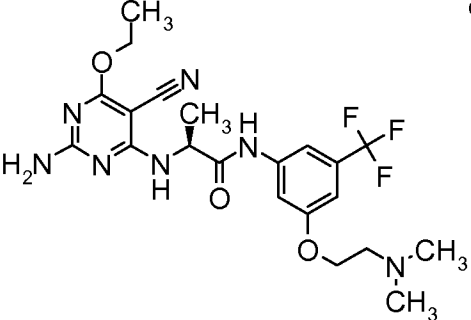
**Table 3**

Entry	Name	Structure
166	N <sup>2</sup> , N <sup>5</sup> -diacetyl-N <sup>2</sup> ~-[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
167	2-(methyloxy)ethyl ((4S)-4-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	
168	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide	
169	N-((4S)-4-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)-N,N-dimethylmethanaminium	
170	Methyl N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate	

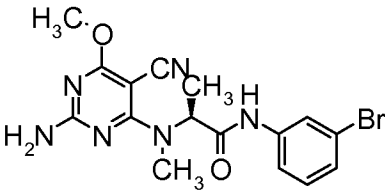
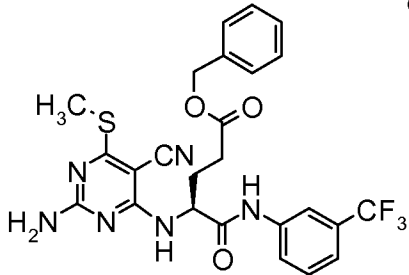
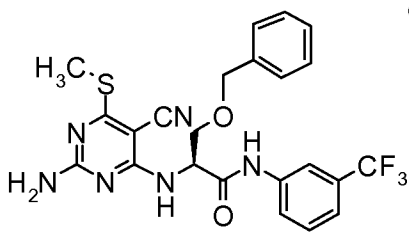
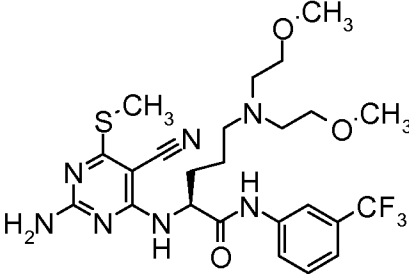
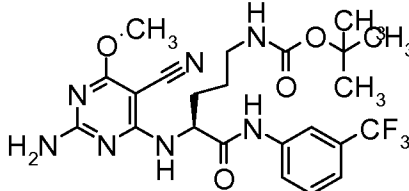
**Table 3**

Entry	Name	Structure
171	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~6~,N~6~-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysineamide	
172	N <sup>2</sup> -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N~2~-methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alanineamide	
173	N <sup>2</sup> -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamine	
174	N~2~-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N~2~-methyl-L-alanineamide	
175	N <sup>2</sup> -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N <sup>1</sup> -[3-(trifluoromethyl)phenyl]-L-glutamineamide	

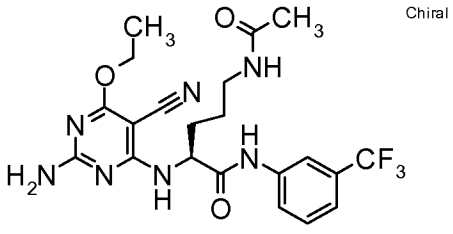
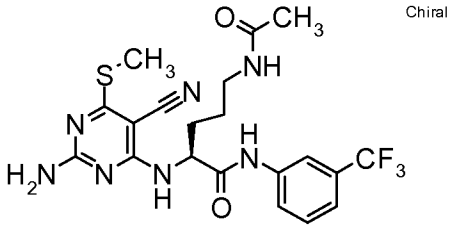
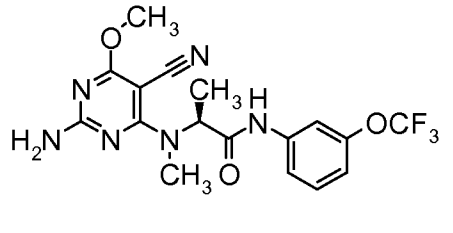
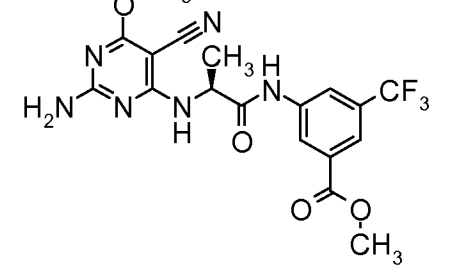
**Table 3**

Entry	Name	Structure
176	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
177	2-(2-amino-5-cyano-6-ethoxypyrimidin-4-ylamino)-5-hydrazinyl-5-oxo-N-(3-(trifluoromethyl)phenyl)pentanamide	
178	N <sup>2</sup> -[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
179	N <sup>2</sup> -[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	
180	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	

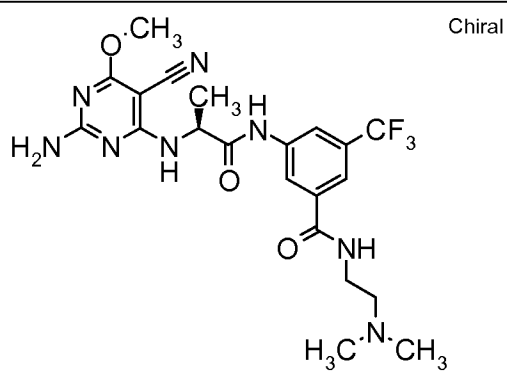
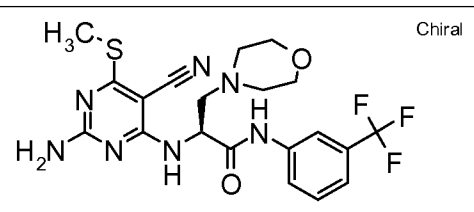
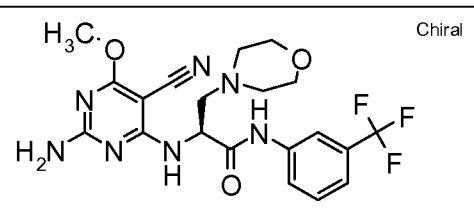
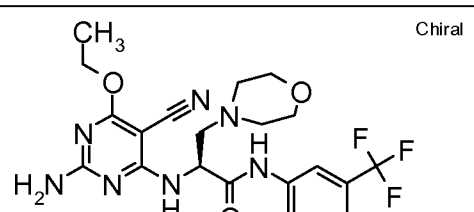
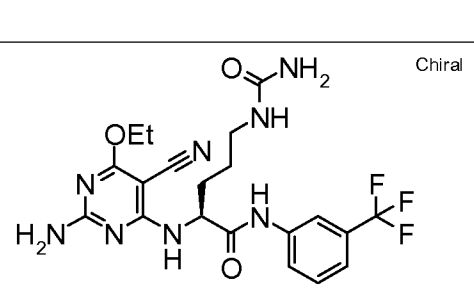
**Table 3**

Entry	Name	Structure
181	N <sup>2</sup> -[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)- N <sup>2</sup> -methyl-L-alaninamide	
182	phenylmethyl N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate	
183	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide	
184	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N~5~,N~5~-bis[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
185	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	

**Table 3**

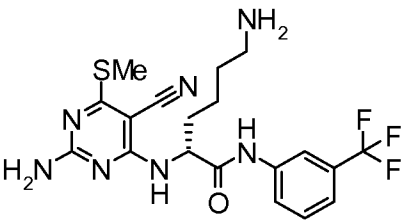
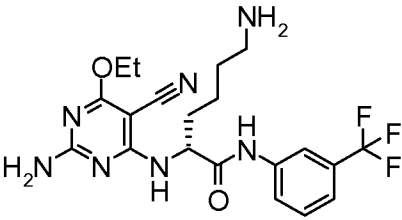
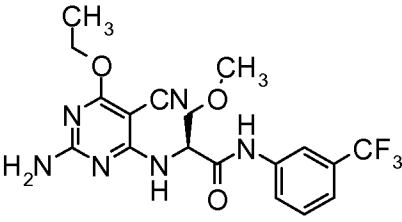
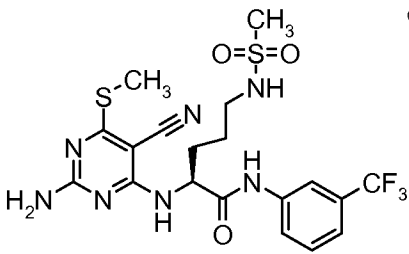
Entry	Name	Structure
186	N <sup>5</sup> -acetyl- N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
187	N <sup>5</sup> -acetyl- N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
188	N <sup>2</sup> -[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]- N <sup>2</sup> -methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alaninamide	
189	methyl 3-({N-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-L-alanyl} amino)-5-(trifluoromethyl)benzoate	

**Table 3**

Entry	Name	Structure
190	3-({N-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-L-alanyl} amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	
191	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
192	N <sup>2</sup> -[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
193	N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
194	N <sup>5</sup> -(aminocarbonyl)- N <sup>2</sup> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	



**Table 3**

Entry	Name	Structure
195	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide	
196	N <sup>2</sup> -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide	
197	N <sup>2</sup> -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serineamide	
198	N <sup>2</sup> -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N <sup>5</sup> -(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithineamide	

35. (previously presented) A pharmaceutical composition comprising the compound according to claim 13 and a pharmaceutically acceptable carrier.

36-43. (cancelled).